3037

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3037	038	04	29	76	26AC	3626	7550

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0003	15	14	17	030	Y	NW	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	Ch	SA	E	FT	070	—	10	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00120	—	—	00900

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
							PO	DO
START	36° 26′	75° 50′	3H4 1743	3H5 3045	3		1025	1026
							PU	ON
FINISH	36° 28′	75° 50′	1760	3047	4		1056	1059

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200/2 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

2 Ahewife

26AC

R/V DAN MOORE SPECIES LIST

STA. NO. 3037 DATE April 29 19 76 BIOLOGISTS DFHJVSGK

TOT. CATCH WT. 1020 AIR 17 SURFACE 15 BOTTOM 14

SAMPLE WT. 1020 RAISING FACTOR 0

SPECIES	C or NC	SUBSAMPLE NUMBER	SUBSAMPLE WEIGHT	TOTAL NO.	TOTAL WT.	$\bar{X}$ WT	REMARKS
Paralichthys americanus				28	420	15	
							C00149 69.8 8
Reja eglentaria				222	444	2.0	C00150 740 9
							C00151 750 10
Cynoscion regalis	C			23	10	0.4	C00152 721 9
	NC			127	20	0.2	C00153 715 8
Pomatomus saltatrix	NC			54	14	0.3	C00154 760 11
	C			7	55	7.9	
Peprilus triacanthus	NC			38	6	0.3	
	NC			17	3.5	0.2	
Leiostomus xanthurus	C			2	1.0	0.5	
	NC			3	0.5	0.2	
Rhinoptera bonasus				1	2.5	2.5	
Micropogon undulatus	NC			4	1.0	0.3	
Alosa pseudoharengus				2	1.3	0.6	
Paralichthys dentatus				10	4.3	0.4	
Bairdiella chrysoura				11	1.5	0.1	
Urophycis regius				1	0.3	0.3	
Sphoeroides maculatus				2	0.3	0.1	
Prionotus evolans				2	1.5	0.8	
Limulus polyphemus				13	33	2.5	
Brevoortia tyrannus				1	0.3	0.3	

24
291
17
16
42
32
20
222

68

2
3
6
15
2
28

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ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 3037

Date April 29 1976

Area of Release 5mi N Currituck Light House

LORAN Start 3H4 1743 (36°26') 3H5 3045 (75°50')

Finish 3H4 1760 (36°28') 3H5 3047 (75°50')

Tot. Fish Captured 6

Tot. Fish Tagged 6

No. Retained for analysis 0

Gear Type #41 Yankee

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
C00149	8		698	P. saltatrix	
C00150	9		740		
C00151	10		750		
C00152	9		721		
C00153	8		715		
C00154	11		760		

Species: *Paralichthys dentatus*

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Scale-calc.	Age	Gonad Stage	Station Number	Grid 26AC Remarks
1	266	♂							3037	Area I
2	206	♂								
3	225	♂								
4	200	♂								
5	252	♂								
6	268	♂								
7	202	♂								
8	288	♀						I		
9	277	♀						I		
10	404	♀						III		

Length-frequency distribution

AREA I

Species: *Paralichthys dentatus*

Station: 3037

Date: April 29, 1976

Locality: Grid 26AC

T.L.	♂	♀	COMBINED
100 - 109			
110 -			
120 -			
130 -			
140 -			
150 -			
160 -			
170 -			
180 -			
190 -			
200 -	3		3
210 -			
220 -	1		1
230 -			
240 -			
250 -	1		1
260 -	2		2
270 -		1	1
280 -		1	1
290 -			
300 -			
310 -			
320 -			
330 -			
340 -			
350 -			
360 -			
370 -			
380 -			
390 -			
400 -		1	1
410 -			
420 -			
~~Total~~ 430 -	7	3	10
440 -			
450 -			
460 -			
470 -			
480 -			
490 -			
500 -			
510 -			
520 -			
530 -			
540 -			
550 -			
560 -			
570 -			
580 -			
590 -			
600 -			
610 -			
620 -			
630 -			
640 -			
650 -			
660 -			
670 -			
680 -			
690 -			
700 -			
710 -			
720 -			
730 -			
740 -			
750 -			

RANGE ♂ 200 - 268

♀ 277 - 404

Sheet ___ of ___

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